

ABSTRACT OF THE DISCLOSURE

The invention relates to the use of RFID systems for use with items of interest having RFID tags, such as in a library. The invention has particular applicability to determining the location, order, and other information regarding such items.

1. A method for determining the location of an item in a library, comprising: (a) providing a library having a plurality of items, each item having an RFID tag; (b) providing a reader system having a plurality of antennas; (c) transmitting a signal from the reader system to the RFID tags; (d) receiving a signal from the RFID tags; (e) determining the location of the item based on the signal received from the RFID tags; and (f) displaying the location of the item on a display.

2. The method of claim 1, wherein the signal received from the RFID tags is a signal indicating the location of the item.

3. The method of claim 1, wherein the signal received from the RFID tags is a signal indicating the order of the item.

4. The method of claim 1, wherein the signal received from the RFID tags is a signal indicating other information regarding the item.

5. A system for determining the location of an item in a library, comprising: (a) a library having a plurality of items, each item having an RFID tag; (b) a reader system having a plurality of antennas; (c) a signal transmitter for transmitting a signal from the reader system to the RFID tags; (d) a signal receiver for receiving a signal from the RFID tags; (e) a location determiner for determining the location of the item based on the signal received from the RFID tags; and (f) a display for displaying the location of the item.

6. The system of claim 5, wherein the signal received from the RFID tags is a signal indicating the location of the item.

7. The system of claim 5, wherein the signal received from the RFID tags is a signal indicating the order of the item.

8. The system of claim 5, wherein the signal received from the RFID tags is a signal indicating other information regarding the item.